NEWTECH™ MEDICAL DEVICES

From Indigenous Idea to Newtech Solution

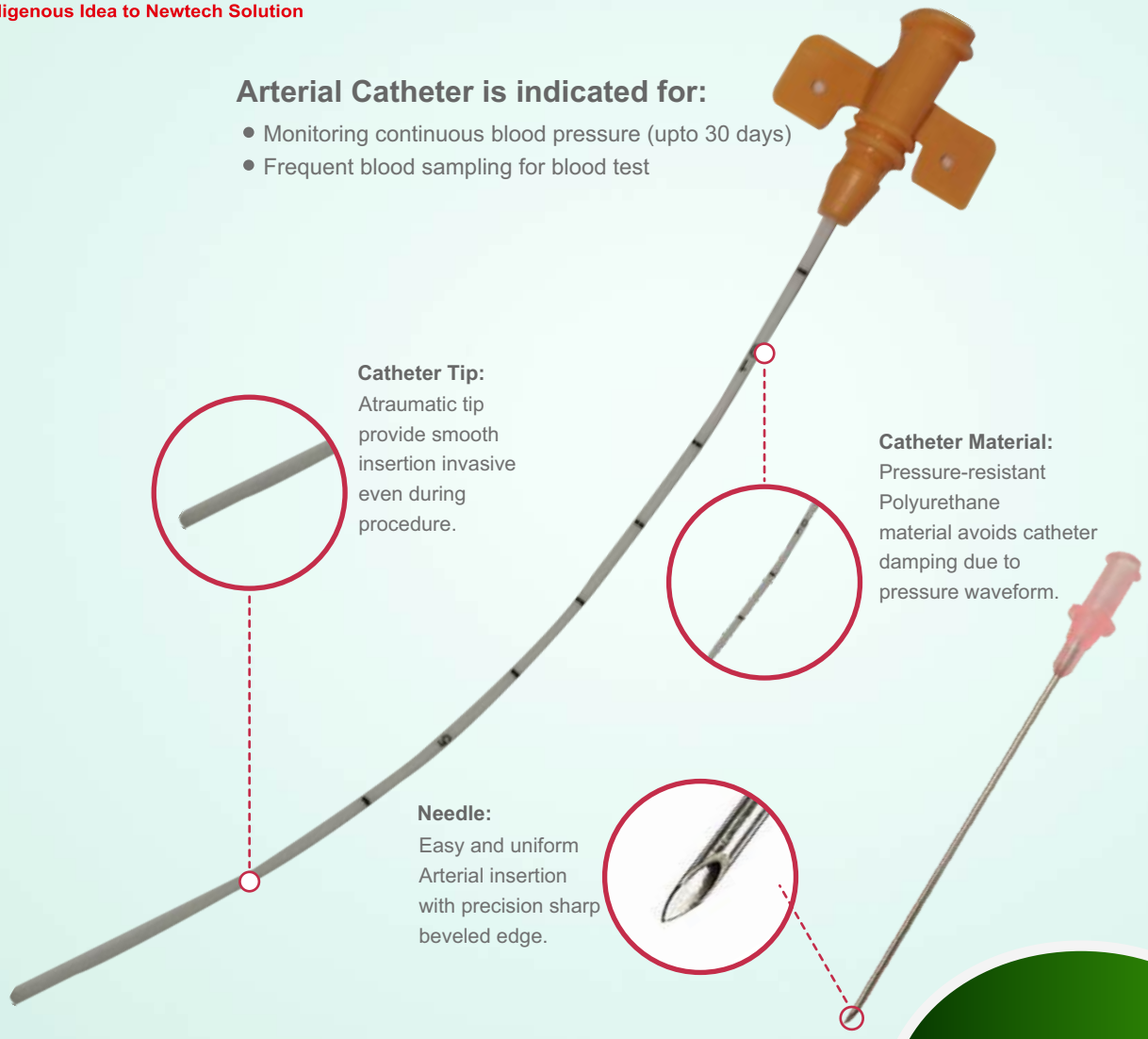
ClearArterial™

Arterial Catheter

CE 0123

Arterial Catheter is indicated for:

- Monitoring continuous blood pressure (upto 30 days)
- Frequent blood sampling for blood test



Catheter Tip:
Atraumatic tip provide smooth insertion invasive even during procedure.

Catheter Material:
Pressure-resistant Polyurethane material avoids catheter damping due to pressure waveform.

Needle:
Easy and uniform Arterial insertion with precision sharp beveled edge.

HIGH QUALITY MEDICAL DEVICES

Newtech Medical Devices Pvt. Ltd.

We develop, manufacture, market and support cutting edge vascular access devices and accessories to meet the clinical needs of the medical industry, particularly in the field of interventional cardiology and hemodialysis. Our company's engineering and applications expertise provides superior products whose progressive designs accommodate advances in medical device and whose quality anticipates the requirements of our professional clients and the patients they serve.

Currently one of the largest manufacturer & exporter in the field of Cardiology, Nephrology, Urology & Surgical Disposables in INDIA.

Arterial Catheter - Introduction

Arterial Catheter is a catheter for arterial access inserted by the Seldinger technique. Although it can be inserted in a variety of arteries, the most common sites for the placement of this arterial catheter are the radial and femoral artery and rarely brachial artery.

ClearArterial™
Arterial Catheter

The product is supplied in kit containing:

KIT 1

- Guidewire
- Introducer Needle
- Arterial Catheter

KIT 2

- Guidewire
- Introducer Needle
- Arterial Catheter
- Normal Syringe with injection needle
- Fastener Catheter
- Injection Cap
- Vessel Dilator
- Scalpel #11

Specification

Reference No.	Catheter			Introducer Needle		Guidewire		Units per box
	Diameter	Length	Inner diameter- Outer diameter (mm)	Diameter	Length	Diameter(inches)	Length	
NT/ACK/SC/1608	16G	08cm	1.15-1.70	18G	70mm	0.035	50cm	10
NT/ACK/SC/1610	16G	10cm	1.15-1.70	18G	70mm	0.035	50cm	10
NT/ACK/SC/1615	16G	15cm	1.15-1.70	18G	70mm	0.035	50cm	10
NT/ACK/SC/1616	16G	16cm	1.15-1.70	18G	70mm	0.035	50cm	10
NT/ACK/SC/1808	18G	08cm	0.90-1.42	18G	70mm	0.025	50cm	10
NT/ACK/SC/1810	18G	10cm	0.90-1.42	18G	70mm	0.025	50cm	10
NT/ACK/SC/1815	18G	15cm	0.90-1.42	18G	70mm	0.025	50cm	10
NT/ACK/SC/1816	18G	16cm	0.90-1.42	18G	70mm	0.025	50cm	10
NT/ACK/SC/2008	20G	08cm	0.74-1.18	20G	40mm	0.021	50cm	10
NT/ACK/SC/2010	20G	10cm	0.74-1.18	20G	40mm	0.021	50cm	10
NT/ACK/SC/2015	20G	15cm	0.74-1.18	20G	40mm	0.021	50cm	10
NT/ACK/SC/2016	20G	16cm	0.74-1.18	20G	40mm	0.021	50cm	10

ClearArterial™
Arterial Catheter

Ordering Information

Medical Device Name	SKU / REFD / Cat	Basic UDI-DI	Certificate Reference Number
Clear Arterial - Arterial Catheter - 16G X 08cm	NT/ACK/SC/1608	890619416NTATRNX	G15 130197 0002 Rev. 00
Clear Arterial - Arterial Catheter - 16G X 10cm	NT/ACK/SC/1610	890619416NTATRNX	G15 130197 0002 Rev. 00
Clear Arterial - Arterial Catheter - 16G X 15cm	NT/ACK/SC/1615	890619416NTATRNX	G15 130197 0002 Rev. 00
Clear Arterial - Arterial Catheter - 16G X 16cm	NT/ACK/SC/1616	890619416NTATRNX	G15 130197 0002 Rev. 00
Clear Arterial - Arterial Catheter - 18G X 08cm	NT/ACK/SC/1808	890619416NTATRNX	G15 130197 0002 Rev. 00
Clear Arterial - Arterial Catheter - 18G X 10cm	NT/ACK/SC/1810	890619416NTATRNX	G15 130197 0002 Rev. 00
Clear Arterial - Arterial Catheter - 18G X 15cm	NT/ACK/SC/1815	890619416NTATRNX	G15 130197 0002 Rev. 00
Clear Arterial - Arterial Catheter - 18G X 16cm	NT/ACK/SC/1816	890619416NTATRNX	G15 130197 0002 Rev. 00
Clear Arterial - Arterial Catheter - 20G X 08cm	NT/ACK/SC/2008	890619416NTATRNX	G15 130197 0002 Rev. 00
Clear Arterial - Arterial Catheter - 20G X 10cm	NT/ACK/SC/2010	890619416NTATRNX	G15 130197 0002 Rev. 00
Clear Arterial - Arterial Catheter - 20G X 15cm	NT/ACK/SC/2015	890619416NTATRNX	G15 130197 0002 Rev. 00
Clear Arterial - Arterial Catheter - 20G X 16cm	NT/ACK/SC/2016	890619416NTATRNX	G15 130197 0002 Rev. 00

PER BOX
Arterial Catheter 10 Pcs

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NEWTECH™ MEDICAL DEVICES

From Indigenous Ideas to Newtech Solutions

ClearSheath™

Flex Sheath

CE 0123

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Flex Sheath

Newtech Medical Devices Flex Sheath offers you a blend of flexibility, support and visualization, the capability you need to resspond in challenging cases.

Newtech Medical Device Sheath works during cardiological procedure by creating a secure and consistent passage into the artery, preventing the blood vessel from collapsing and maintaining the access site.The one way valve on the sheath helps to prevent blood loss from the access site, even when multiple devices are being passed through it. Our sheath allows for the easy and safe exchange of various guidewire, catheter and other devices without the need to re-puncture the artery or to maintain constant pressure.

Specifications

Smooth Transitions

- Smooth transitions facilities easer the entry with lower insertion force.
- Improved kink resistance and lubricity enhance push ability while maintaining devices integrity.
- Long, gradually tapered tip reduces potential for vessel trauma

ClearSheath™ Flex Sheath

Product Feature

Excellent Catheter Passage

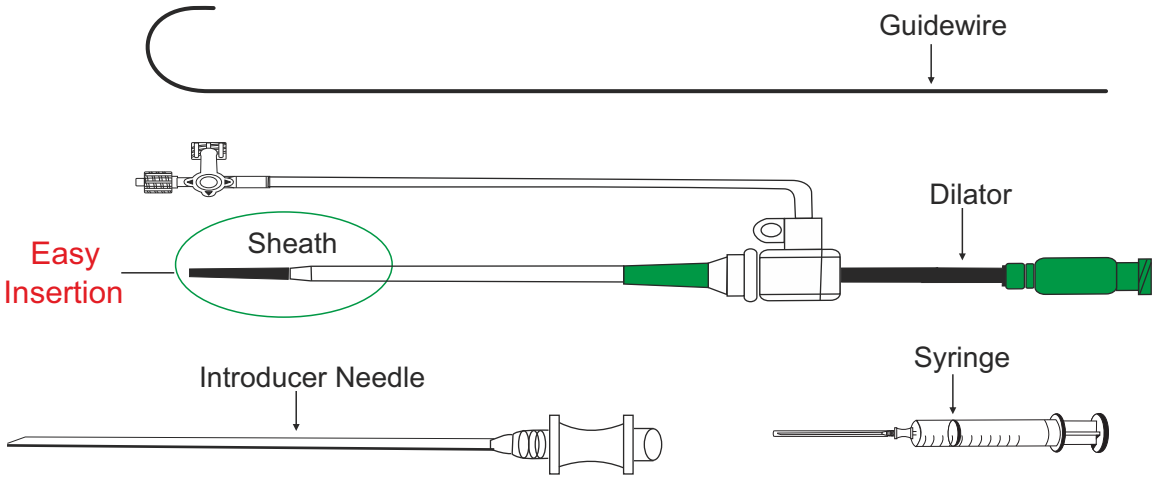
Silicone/Hydrophilic coated valve and smooth inner surface promote easy device passage Tricuspid valve design promotes hemostasis.

Advance Tip to Dilator Transitions

We use innovative radiofrequency shape technique which provides excellent tip to dilator transition, this helps in getting smooth insertion into the vessel.

Newtech Medical Offers Sheath in Kit,

Standard kit contains :



*Only in customized kit.

Specifications

Flex Sheath

REF	French	Length
NT/FS/08.510	08.5 Fr	10 cm

No Star - No Sampling, Check Availability before confirming order of Non Running products.
* No Sampling Available, Check Availability of Running Products.
** Sampling Available, No need to check availability of highly moving products, Easily Available

Per Box
BRAIDED SHEATH 5 Pcs

Newtech Medical Devices Pvt. Ltd.
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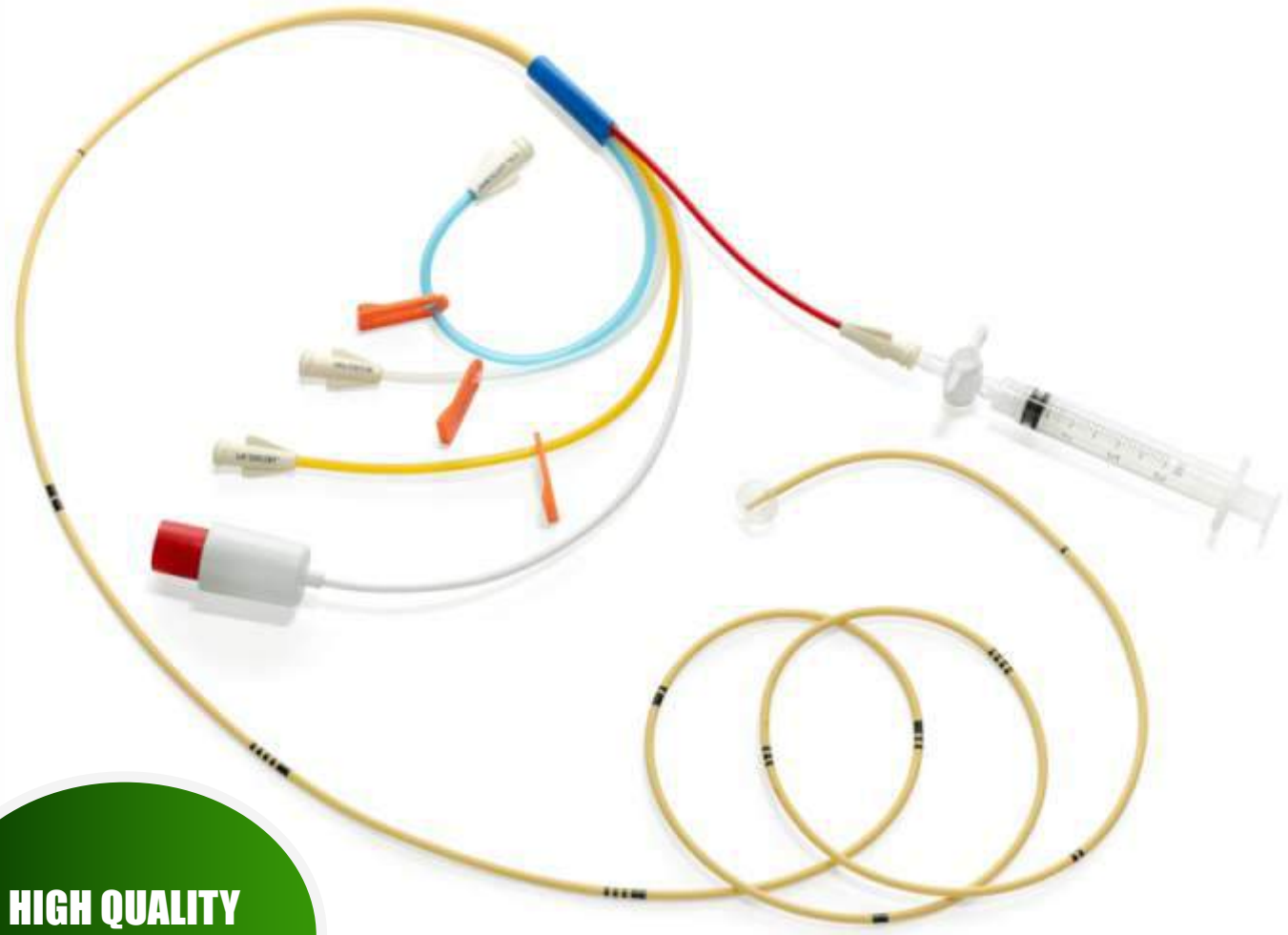
Document No: NTM/CT/FS/01
Revision No - 00

NEWTECH™ MEDICAL DEVICES

From Indigenous Idea to Newtech Solution

Clear ThermoCath

Thermodilution Catheter



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Thermodilution Catheter - Introduction

Newtech's Clear ThermoCath Thermodilution Catheter offer the flexibility of multiple solutions as they provide insight into a patient's hemodynamics.

Clear ThermoCath Thermodilution Catheter come with a variety of stiffness characteristics, tip shapes and infusion port options—providing comprehensive choices in catheter control, insertion points, and infusion to meet your varied patient needs. The Clear ThermoCath family of catheters is backed by technical support, clinical and interactive training, educational tools, and more.

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THERMODILUTION CATHETER

Features:

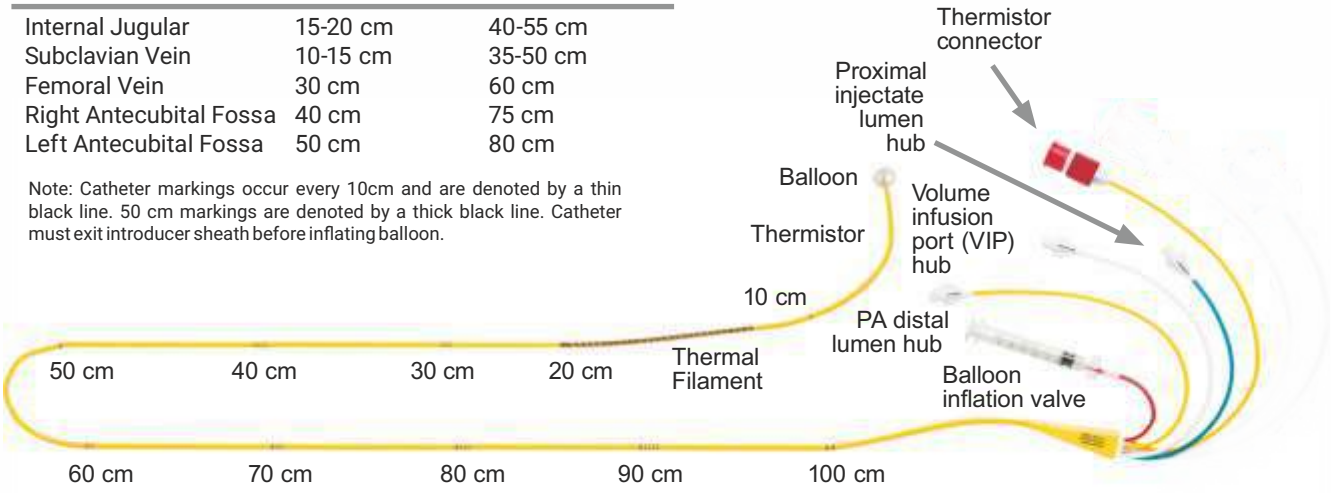
- When used with a compatible monitor, the following parameters are available through the thermodilution catheters: ICO, RAP, PAPs, PAOP.
- The distal (pulmonary artery) port also allows sampling of mixed venous blood for the assessment of oxygen transport balance and the calculation of derived parameters such as oxygen consumption, oxygen utilization coefficient, and intrapulmonary shunt fraction.
- Assess hemodynamic condition through direct intracardiac and pulmonary artery pressure monitoring, determine cardiac output, and infuse solutions (when used with a compatible monitoring platform).
- The Clear ThermoCath VIP catheters have an extra lumen with proximal port (30 cm) for infusion in addition to the standard distal and injectate lumens to provide direct access to the right atrium.

Specifications:

Catheter Insertion Distance Markings

Location	Distance to VC/RA junction	Distance to PA
Internal Jugular	15-20 cm	40-55 cm
Subclavian Vein	10-15 cm	35-50 cm
Femoral Vein	30 cm	60 cm
Right Antecubital Fossa	40 cm	75 cm
Left Antecubital Fossa	50 cm	80 cm

Note: Catheter markings occur every 10cm and are denoted by a thin black line. 50 cm markings are denoted by a thick black line. Catheter must exit introducer sheath before inflating balloon.



Clinical applications for Clear ThermoCath Thermodilution Catheter:

- Acute heart failure
- Severe hypovolemia
- Complex circulatory situations
- Medical emergencies
- Acute respiratory distress syndrome
- Gram negative sepsis
- Drug intoxication
- Acute renal failure
- Hemorrhagic pancreatitis
- History of pulmonary or cardiac disease
- Fluid shifts (e.g., extensive intra-abdominal operations)
- Management of high-risk obstetrical patients
- Diagnosed cardiac disease
- Toxemia
- Premature separation of placenta
- Cardiac output determinations
- Differential diagnosis of mitral regurgitation and ventricular septal rupture
- Diagnosis of cardiac tamponade
- Intra and post-operative management of high risk patients

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CTVS Connector

Newtech Medical Devices offers a variety of Y connectors.All given sizes are standard.

1. (3/8 X 1/4 X 3/8)
2. (3/8 X 3/8 X 1/4)
3. (1/4 X 1/4 X 1/4)
4. (1/2 X 3/8 X 3/8)
5. (3/8 X 3/8 X 3/8)
6. (1/4 X 1/4 X 3/8)

CTVS Connector

1. (1/2 X 1/2)
2. (1/4 X 1/4)
3. (3/8 X 1/2)
4. (3/8 X 1/4)
5. (3/8 X 3/8)

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ClearIABP™

Intra-Aortic Balloon Catheter Kit

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Clear IABP

For patients requiring mechanical cardiac support, the performance of your IABP can mean all the difference. With the onset of an elevated heart rate or arrhythmia, the patient's survival can suddenly depend on the ability of the IABP to keep pace with the situation. The Ac3 Optimus™ Intra-Aortic Balloon Pump provides intra-beat inflation timing accuracy across the broadest range of patient conditions — including those with severe arrhythmias.1,3

Document No: NTM/GW/01
Revision No - 02

ClearIABP

Product Characteristic

Critical therapy delivery when it matters most: WAVE® Algorithm provides precise and accurate support for patients with the most severe arrhythmias and heart rates as high as 200 bpm3

Exclusive ProActive: Counterpulsation® Technology determines individual AV closure points to provide intra-beat inflation timing accuracy1-3 A trio of proprietary algorithms that help improve the clinical efficacy of IABP therapy4 and simplicity with which it's delivered • The third-generation, state-of-the-art AutoPilot® Mode automatically adjusts timing and triggering parameters with precise volume delivery

Outstanding clinical support to ensure effective delivery: Initial installation clinical training • Onsite clinical accredited training programs • On-going web-based learning and training • 24/7 hotline with guaranteed timing and response

Designed for simplicity, engineered for economy: • Pneumatic drive system with no scheduled replacement parts • Low component replacement costs • Minimal service required

IAB Catheters	30cc	40cc	50cc
Height (feet/inches)	4' 10"- 5' 4"	5' 4"- 6'	> 5' 8"
Height (centimeters)	147 - 162 cm	162 - 182 cm	> 173 cm
Body Surface Area	< 1.8 m^2	> 1.8 m^2	> 1.8 m^2

Per Box	
CLEARIABP	5 Pcs

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Our Distributor :

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NEWTECH™ MEDICAL DEVICES

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ClearCVC™

Central Venous Catheter & Kit

1pc Per Box

HIGH QUALITY MEDICAL DEVICES

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Quadro Catheter - Introduction

Four lumen infusion and measurement catheter without valve, made of polyurethane, with IN-plug (Seldinger technique). Due to one puncture providing 2 or 3 accesses, the radiopaque, biocompatible PUR-catheter minimizes the contamination risk and so reduces the costs.

Quadro Catheter

Likewise, incompatible drugs or solutions can be infused separately in a quick and safe way. The soft tip minimizes the danger of vein perforation. The extremely smooth catheter surface prevents deposit of thrombi. The marker rings allow an exact positioning of the QuadroCath Clear. The individual lumina are colour-coded for safe identification.

Product Feature:

Soft Tip

Newtech's QuadroCath Clear catheter has been able to Reduce trauma to vessel wall upon introduction and in-situ. The radiopaque catheter and tip facilitates vessel location when visualized by X-Ray.

Soft Hub

QuadroCath Clear comes with softer hub for better placement of catheter without any pain.

Antimicrobial Heparin Cap

Specially made adaptor helps to avoid infection.

Biocompatible Polyurethane Material

With new generation Biocompatible polyurethane material which is tested for toxicity and hemocompatability and this become softer in body.

Specifications:

REF	SIZE	LENGTH
NT/CVCK/QL/8511	8.5 F	11 cm
NT/CVCK/QL/8513	8.5 F	13 cm
NT/CVCK/QL/8516	8.5 F	16 cm
NT/CVCK/QL/8520	8.5 F	20 cm
NT/CVCK/QL/8525	8.5 F	25 cm
NT/CVCK/QL/8530	8.5 F	30 cm

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